

# Freeform Search

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Term:

L16 NOT L11

Display:

20

Documents in Display Format:

CIT

Starting with Number

1

Generate:

☐ Hit List

☒ Hit Count

☐ Side by Side

☐ Image

Search

Clear

Interrupt

## Search History

DATE: Saturday, October 20, 2007

Purge Queries

Printable Copy

Create Case

Set Name	Query	Hit Count	Set Name result set
side by side			
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L17	L16 NOT L11	23	L17
L16	L15 and @ad<20030409	24	L16
L15	L14 and (aerosol\$9 or DPI or "dry powder inhaler" or insufflator or MMAD or "mass median aerodynamic diameter" or FPF or "fine particle fraction")	45	L15
L14	L13 and (hemophil\$5 near8 (therap\$5 or treat\$6 or prevent\$6))	158	L14
L13	L12 same (powder or particle or particulate or microcapsule or microstructure)	20155	L13
L12	("Factor IX" or "FIX" or "F.IX")	902377	L12
DB=PGPB,USPT; PLUR=YES; OP=OR			
L11	L10 and @ad<20030409	9	L11
L10	L9 and (aerosol\$9 or DPI or "dry powder inhaler" or insufflator or MMAD or "mass median aerodynamic diameter" or FPF or "fine particle fraction")	12	L10
L9	L8 and (hemophil\$5 near8 (therap\$5 or treat\$6 or prevent\$6))	25	L9
L8	L7 and ("Factor IX" or "FIX" or "F.IX")	256	L8
L7	(424/46 or 424/489 or 514/1).ccls.	6899	L7
L6	(((((Keith adj B.) near Nolop) AND @pd>20060617) AND @pd>20070227) AND @pd>20070310) AND @pd>20071009	0	L6
L5	((Chandra near Webb) AND @pd>20060716) AND @pd>20070404	2	L5

<u>L4</u>	((Andrew near Dorner) AND @pd>20060716) AND @pd>20070404	1	<u>L4</u>
<u>L3</u>	((Nicholas near Warne) AND @pd>20060716) AND @pd>20070404	2	<u>L3</u>
<u>L2</u>	(((Jayne adj E) near Hastedt) AND @pd>20061026) AND @pd>20070404) AND @pd>20070618	0	<u>L2</u>
<u>L1</u>	(((David near Gong) AND @pd>20061026) AND @pd>20070404) AND @pd>20070618	0	<u>L1</u>

END OF SEARCH HISTORY



Day : Saturday  
Date: 10/20/2007  
Time: 11:32:13

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name**

**First Name**

Gong

David

Search

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Day : Saturday  
Date: 10/20/2007  
Time: 11:32:13

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name**

**First Name**

Hastedt

Jayne

Search

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Date: 10/20/2007  
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## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
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**Last Name**

**First Name**

Warne

Nicholas

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**Last Name****First Name**

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Day : Saturday  
Date: 10/20/2007  
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## Inventor Name Search

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**Last Name**

**First Name**

Webb

Chandra

Search

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Day : Saturday  
Date: 10/20/2007  
Time: 11:32:13

## Inventor Name Search

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Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name**

**First Name**

Keith

James

Search

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(FILE 'HOME' ENTERED AT 13:25:27 ON 20 OCT 2007)

FILE 'CAPLUS, MEDLINE, USPATFULL, BIOSIS, EMBASE' ENTERED AT 13:26:00 ON  
20 OCT 2007

```
L1      226510 S ((FACTOR(W)IX) OR FIX OR (F(2A)IX))
L2      4013 S L1 (S) (POWDER OR PARTICULATE OR PARTICLE)
L3      14 S L2 (S) (AEROSOL8 OR RESPIR8 OR INHALA?)
L4      67 S L2 (S) (AEROSOL? OR RESPIR? OR INHALA?)
L5      13 S L4 (S) (HEMOPHIL? OR HEMOFIL?)
L6      13 DUP REM L5 (0 DUPLICATES REMOVED)
L7      1 S L6 NOT PD>20030409
L8      17 S L4 AND (HEMOPHIL? OR HEMOFIL?)
L9      2 S L8 NOT PD>20030409
L10     1 S L9 NOT L7
```

L7 ANSWER 1 OF 1 USPATFULL on STN

TI Composition for pulmonary administration comprising a drug and a hydrophobic amino acid

AB According to the subject invention. dispersible dry powder pharmaceutical-based compositions are provided. including methods for their manufacture and dry powder dispersion devices. A dispersible dry powder pharmaceutical-based composition is one having a moisture content of less than about 10% by weight (% w) water, usually below about 5% w and preferably less than about 3% w; a particle size of about 1.0-5.0  $\mu$ m mass median diameter (MMD), usually 1.0-4.0  $\mu$ m MMD, and preferably 1.0-3.0  $\mu$ m MMD; a delivered dose of about >30%, usually >40%, preferably >50%, and most preferred >60%; and an aerosol particle size distribution of about 1.0-5.0  $\mu$ m mass median aerodynamic diameter (MMAD), usually 1.5-4.5  $\mu$ m MMAD, and preferably 1.5-4.0 MMAD. Such composition are of pharmaceutical grade purity.

ACCESSION NUMBER: 2002:235005 USPATFULL

TITLE: Composition for pulmonary administration comprising a drug and a hydrophobic amino acid

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES  
Patton, John S., Portola Valley, CA, UNITED STATES  
Foster, Linda, Sunnyvale, CA, UNITED STATES  
Eljamal, Mohammed, Tripoli, LEBANON

NUMBER	KIND	DATE
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PATENT INFORMATION:

US 2002127188	A1	20020912
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APPLICATION INFO.:

US 2002-66106	A1	20020201 (10)
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RELATED APPLN. INFO.:

Continuation of Ser. No. US 1999-447753, filed on 22 Nov 1999, GRANTED, Pat. No. US 6372258 Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, PENDING Continuation of Ser. No. US 1997-737724, filed on 14 Jul 1997, GRANTED, Pat. No. US 6231851 A 371 of International Ser. No. WO 1995-US6008, filed on 15 May 1995, UNKNOWN Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, ABANDONED Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, GRANTED, Pat. No. US 5785049 Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994, ABANDONED Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1995-383475, filed on 1 Feb 1995, ABANDONED

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

INHALE THERAPEUTIC SYSTEMS, INC, 150 INDUSTRIAL ROAD, SAN CARLOS, CA, 94070

NUMBER OF CLAIMS:

21

EXEMPLARY CLAIM:

1

LINE COUNT:

1165

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 1 OF 1 USPATFULL on STN

TI Dry powder compositions having improved dispersivity

AB The present invention provides a highly dispersible formulation comprising an active agent and a dipeptide or tripeptide comprising at least two leucyl residues. The composition of the invention possesses superior aerosol properties and is thus preferred for aerosolized administration to the lung. Also provided are a method for (i) increasing the dispersibility of an active-agent containing formulation for administration to the lung, and (ii) delivery of the composition to the lungs of a subject.

ACCESSION NUMBER: 2003:40663 USPATFULL

TITLE: Dry powder compositions having improved dispersivity

INVENTOR(S): Kuo, Mei-Chang, Palo Alto, CA, United States  
Lechuga-Ballesteros, David, Santa Clara, CA, United States

PATENT ASSIGNEE(S): Inhale Therapeutic Systems, Inc., San Carlos, CA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6518239	B1	20030211
APPLICATION INFO.:	US 2000-548759		20000413 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-178415P	20000127 (60)
	US 2000-178383P	20000127 (60)
	US 1999-172769P	19991220 (60)
	US 1999-164236P	19991108 (60)
	US 1999-162451P	19991029 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Park, Hankyel T.

LEGAL REPRESENTATIVE: Evans, Susan T., Cagan, Felissa H.

NUMBER OF CLAIMS: 40

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT: 1632

CAS INDEXING IS AVAILABLE FOR THIS PATENT.